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# FEDERAL BUREAU OF INVESTIGATION

# INFORMATION RESOURCES DIVISION DATA/INFORMATION MANAGEMENT SECTION



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# 30 October 2002 Draft, Version 6 FULL PRIVACY IMPACT ASSESSMENT

# FOR THE INVESTIGATIVE DATA WAREHOUSE (IDW) AND VIRTUAL KNOWLEDGE BASE (VKB)

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# Investigative Data Warehouse (IDW) Virtual Knowledge Base (VKB)

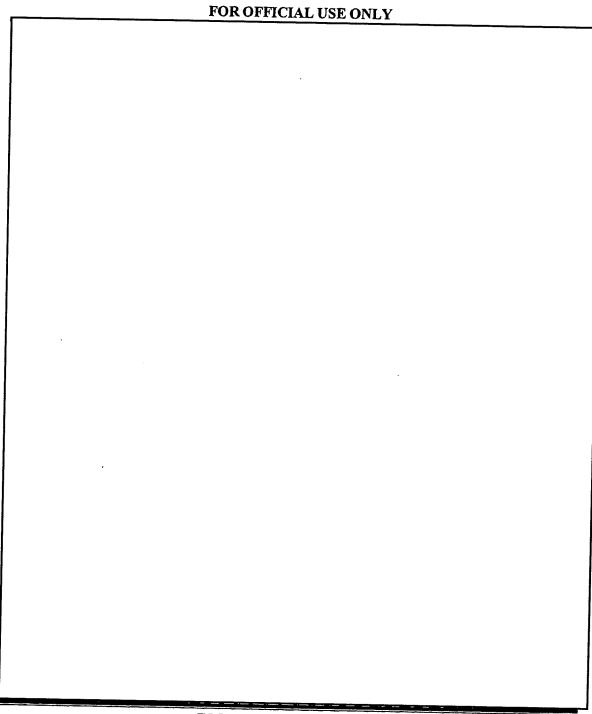
# Full Privacy Impact Assessment, MIOG 16-21.5

### **Executive Summary**

This full Privacy Impact Assessment (PIA) is submitted by the Information Resources Division in accordance with MIOG 16-21.3, Completing a Privacy Impact Assessment, and MIOG 16-21.5, Paragraphs A, B, C, and D. This assessment is intended to address MIOG requirements for the enterprise Investigative Data Warehouse (IDW) and Virtual Knowledge Base (VKB), and is submitted in coordination with Office of General Counsel for approval.

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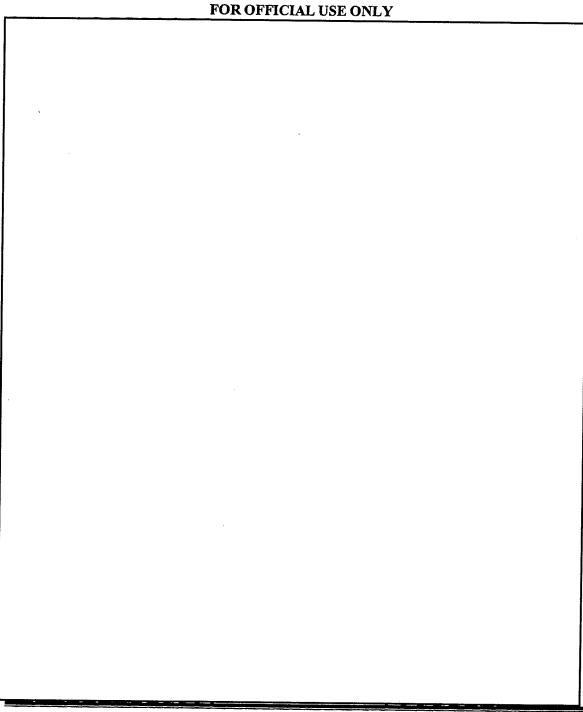
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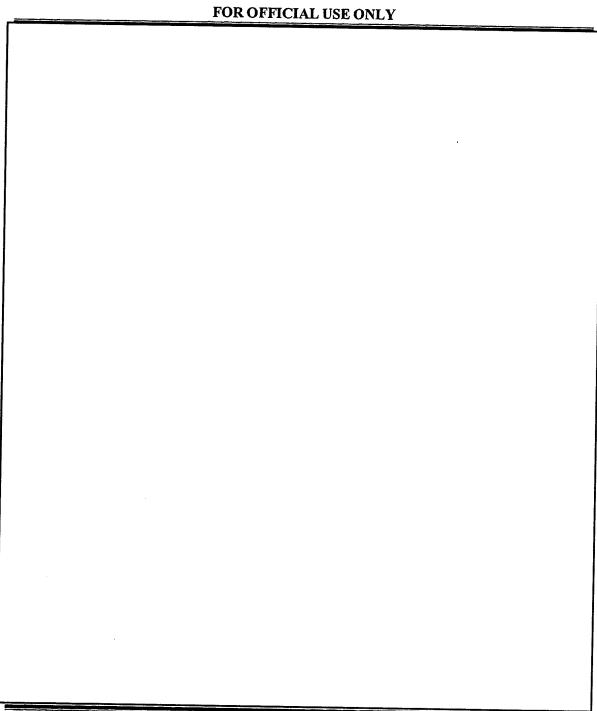
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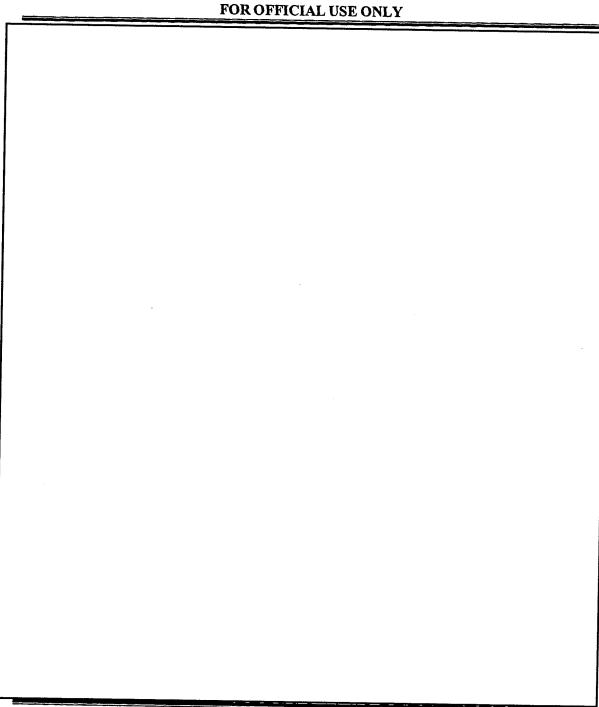
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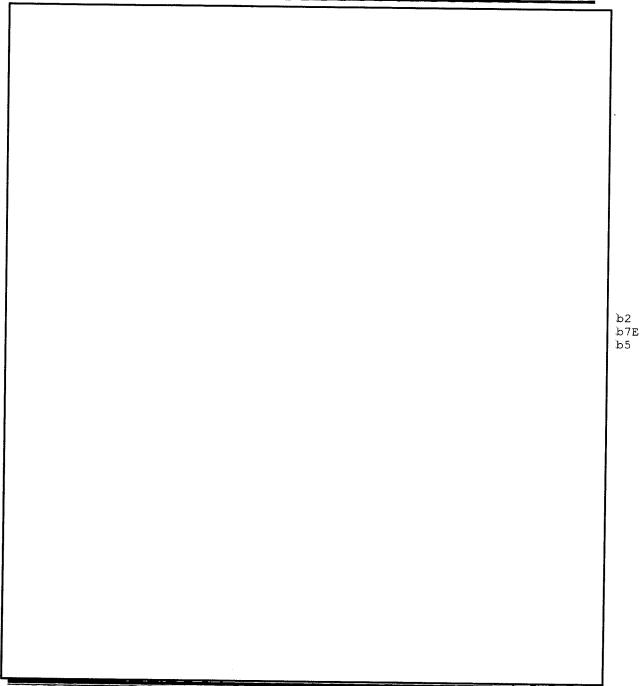
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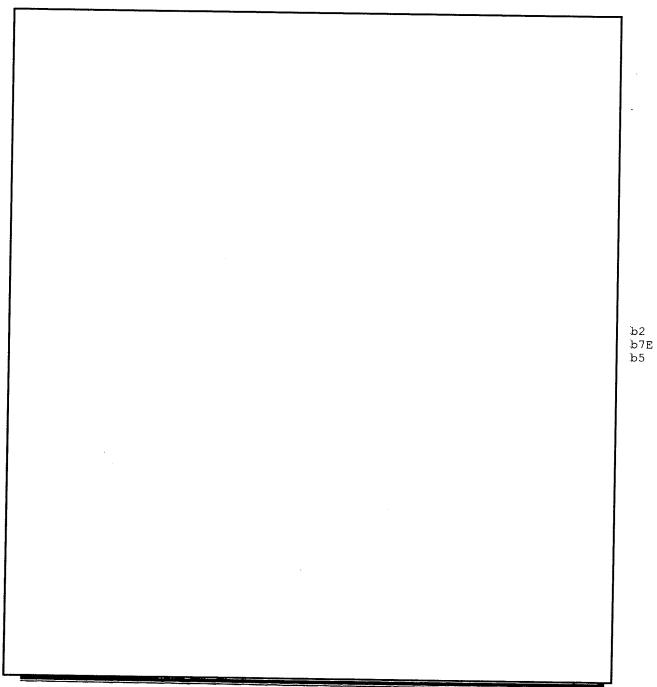
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From: Sent: To:	OGC) (FBI)  Wednesday, August 30, 2006 12:49 PM		b6 b7
Cc: Subject:	KELLEY, PATRICK W. (OGC) (FBI) OGC) (FBI) IDW PIAS	(OGC) (FBI)	
SENSITIVE BUT UNCL NON-RECORD	_ASSIFIED		
			b5
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FinCEN data for IDW.txt (6 KB)...





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THIS IS A PRIVILEGED COMMUNICATION AND IS NOT TO BE FURTHER DISSEMINATED WITHOUT PRIOR OGC APPROVAL.

SENSITIVE BUT UNCLASSIFIED

OGC) (FBI)	
From: Sent: To: Subject:  COGC) (FBI) Wednesday August 30, 2006 12:25 PM (OGC) (FBI); KELLEY, PATRICK W. (OGC) (FBI) RE: Central Record System	
UNCLASSIFIED NON-RECORD	b6 b7C
FYI. I just got a call fromat JMD about the article. Her Boss wanted to know which system notice IDW. I told her it is covered by CRS. Also explained that national security systems are exempt from E-Gov and had done several PIA looks at IDW, even though it's not required under the law.	covered d that we
Prom:	
UNCLASSIFIED NON-RECORD	
Done. (Hope springs eternal.)  I'm with in view that if everyone starts running around with their hair on fire on this, to be pouring gas on something that quite possibly would just fade away if we just shrug it off.	they will just
From: KELLEY, PATRICK W. (OGC) (FBI)  Sent: Wednesday, August 30, 2006 11:29 AM  To: (OGC) (FBI)  Cc: OGC) (FBI)  Subject: Central Record System	Ъ6 Ъ7С
UNCLASSIFIED NON-RECORD	
Bill: can you send an electronic copy of the CRS Privacy Act System Notice. She is making noises I'm hoping that after she reads it, she will be mollified. Thanks.	about it.
UNCLASSIFIED	
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	(OGC) (FBI)
From: Sent: To: Cc:	[OGC) (FBI) Thursday, September 07, 2006 8:32 AM KELLEY PATRICK W. (OGC) (FBI) OGC) (FBI); (OGC) (FBI) (OGC) (FBI)
Subject:	FW: IDW PIAs
SENSITIVE BUT UNCLAS	ALL INFORMATION CONTAINED  SSIFIED  HEREIN IS UNCLASSIFIED  DATE 08-28-2007 BY 65179 dmh/bja/cal  1058805
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THIS IS A PRI PRIOR OGC	IVILEGED COMMUNICATION AND IS NOT TO BE FURTHER DISSEMINATED WITHOUT APPROVAL.
Original Message From: GRIGG. G. C	LAYTON (CTD) (FBI)
Sent: Wednesday. To:	Sentember 06, 2006 6:20 PM (ITSD)(FBI) b6
Cc: (CTD) (FBI) Subject: RE: IDW PIA	DGC) (FBI); (OGC) (FBI); HARRINGTON, T. J. b70
SENSITIVE BUT UNCLAS	
NON-RECORD	b5

G. Clayton Grigg

Acting Director Foreign Terrorist Tracking Task Force (FTTTF) Counterterrorism Division (CTD) http://ctd.fbinet.fbi/ftttf/  (703) 553 Office) (202) (877)	b6 b7 b2	С
	ъ6 ъ7	
SENSITIVE BUT UNCLASSIFIED NON-RECORD		b5
Original Message From: (ITSD)(FBI) Sent: Wednesday, Sentember 06, 2006 8:48 AM To: (OGC) (FBI) OGC) (FBI)	b6	
Subject: RE: IDW PIAS  SENSITIVE BUT UNCLASSIFIED NON-RECORD  Thank you for taking care of this matter in my absence.	Ъ7С	
202 1-877- P) Public Internet e-mail Dic.fbi.gov Original Message OGC) (FBI) Sent: Thursday, August 31, 2006 3:54 PM		
To OGC) (FBI); GRIGG, G. CLAYTON (CTD) (FBI) (ITSD)(FBI); KELLEY, PATRICK (OGC) (FBI) (OGC) (FBI) (OGC) (FBI); ISRAEL, JEROME (ITSD) (FBI); AZMI, ZALMAI (DO) (FBI)  Subject: RE: IDW PIAS  SENSITIVE BUT UNCLASSIFIED  NON-RECORD	W. W.	b6 b7C b2
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From: OGC) (FBI) Sent: Wednesday, August 30, 2006 4:35 PM To: GRIGG, G. CLAYTON (CTD) (FBI) (OGC) (FBI) (OGC) (FBI) (OGC) (FBI); ISRAEL, JEROME W. (ITSD) (FBI); AZMI, ZALMAI (DO) (FBI) Subject: IDW PIAS  SENSITIVE BUT UNCLASSIFIED NON-RECORD	.b6 .b7С
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#### FEDERAL BUREAU OF INVESTIGATION

Precedence:	ROUTINE		Date:	03/25/2005	
To: Office	of the CIO	Attn:	Mr Mr	Azmi	b6 b7C
Counter	sterrorism	Attn:	DAD T.J. Ha	N. Van Duyn arrington	
Records	Management	Attn:	A/U G. Clay AD William	ton Grigg L. Hooton	
In Co	torate of Intelligen telligence <u>Issues Gr</u> ntact: SSA Baginski Maureen A Solomon Jonathan I	coup/1B2	/202-324  ALL INFORMATION HEREIN IS UNCLA	b7 b2 CONTAINED SSIFIED	С
Drafted By:			DATE 08-28-2007	BY 65179 dmh/bja/c	<b>al</b> b6 b7C
Case ID #: 6	6F-HQ-C1434337 (Pe	nding)			270
INCL	APPROVAL OF REQUEST USION OF ADDITIONAL : DW/SPT	FOR DATA SE	TS		

Synopsis: The Information Sharing Policy Group (ISPG) approves the immediate addition of seven (7) new data sets for inclusion in the Special Projects Team (SPT) accesses of the Investigative Data Warehouse (IDW). This data will support ongoing operational needs of the Counterterrorism Division (CTD) and all other IDW users.

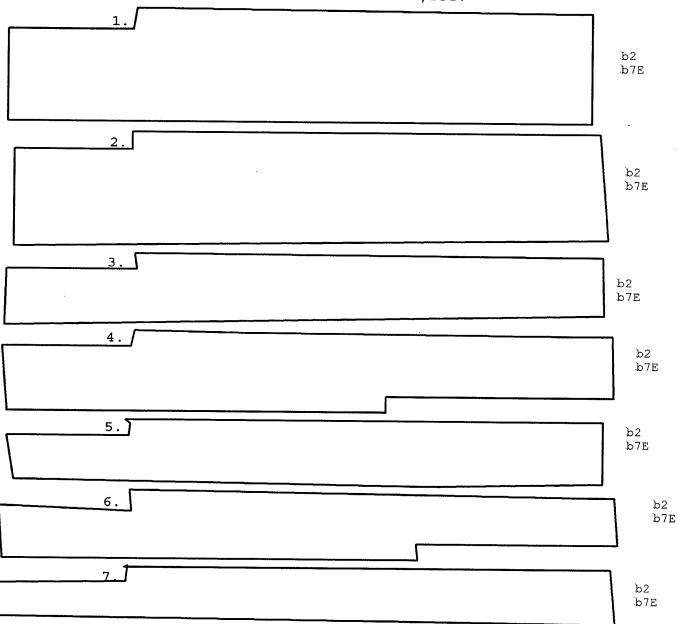
Reference: 66F-HQ-1321794 Serial 194

Details: CTD has an operational need to apply the advanced features of the IDW system across a broader set of data. By adding these additional data sources, CTD will be able to uncover new criminal and terrorist links and activities. The enhanced results will contribute significantly to the FBI counterterrorism effort.

The ISPG has reviewed the data approval requests and ensured that all relevant Office of General Counsel (OGC) privacy impact assessments, interests of all operational divisions and specific records management issues have been addressed. The ISPG

To: Office of the CIO From: Directorate of Intelligence Re: 66F-HQ-C1434337, 03/25/2005

approves the immediate addition of the following seven (7) data sets with appropriate updates for use in IDW/SPT.



The above data sources are currently owned and licensed by CTD and used for CT work. Data quality and currency is not validated prior or during system loading. Newer editions of the sources will be loaded and the older editions will continue to be

To: Office of the CIO From: Directorate of Intelligence

Re: 66F-HQ-C1434337, 03/25/2005

part of the IDW/SPT analyses. Retention of older data permits retrospective analysis.

Technical implementation may be either as an adjunct system accessible through IDW/SPT or as an integral part of the underlying, searchable federated data stores of IDW/SPT. This data approval does not obligate funds or resources for the technical activities that are required to implement and support system loading and related activities.

Records Management Division (RMD) will provide guidance to IDW/SPT concerning specific retention, disposal, and archiving for this data and the results of analysis derived from this data.

To: Office of the CIO From: Directorate of Intelligence

Re: 66F-HQ-C1434337, 03/25/2005

LEAD(s):

Set Lead 1: (Action)

RECORDS MANAGEMENT

AT WASHINGTON, DC

Provide guidance to IDW/SPT concerning specific retention, disposal, and archiving for the data and results of analysis derived from the data.

Set Lead 2: (Info)

COUNTERTERRORISM

AT WASHINGTON, DC

Read and clear.

Set Lead 3: (Info)

DIRECTOR'S OFFICE

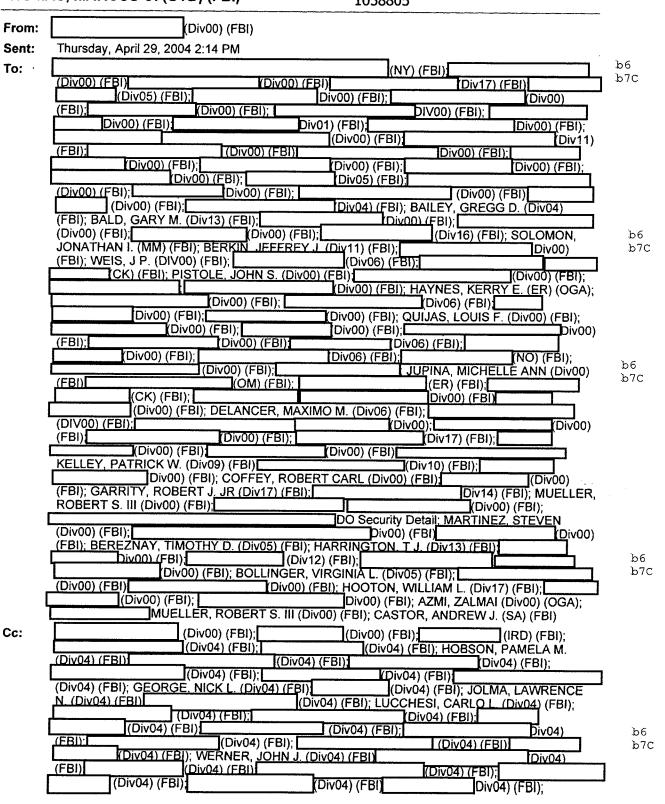
AT CIO, DC

Read and clear.

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THOMAS, MARCUS C. (OTD) (FBI)

DATE 08-27-2007 BY 65179 DMH/BJA/CAL
1058805



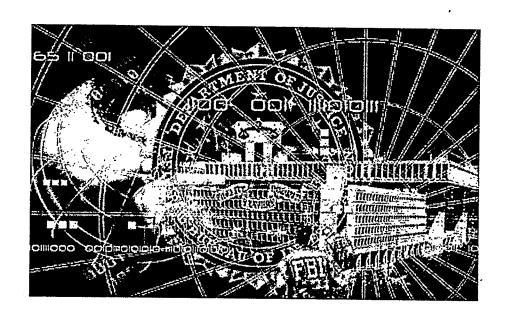
Div04) (FBI);   Div00) (FBI)	DNRAD L b6 b7c I); (FBI)
SENSITIVE BUT UNCLASSIFIED NON-RECORD	OTHER O/S

•	On January 25, 2004, IDW 1.0 was successfully deployed providing users with access to CT/CI ECF and UNI data, IntelPlus file rooms, SAMNET, JICI scanned CT documents, open source news, and VGTOF using the and retrieval tools. Training was deployed throughout the field for Field Intelligence Group personnel. To date, 485 accounts have been issued and CounterTerrorism Division has plans to request 4,200 accounts for members of the Joint Terrorism Task Force members through the field. The IDW-Integration environment was established and is ready for final security testing.	Ъ2 Ъ7Е
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Version 0.5

# FEDERAL BUREAU OF INVESTIGATION INFORMATION RESOURCES DIVISION DATA AND INFORMATION MANAGEMENT SECTION



# INVESTIGATIVE DATA WAREHOUSE INTEGRATION SYSTEM (IDW-I) SYSTEM SECURITY PLAN

DOCUMENT VERSION 0.6
22 APRIL 04

Investigative Data Warehouse Integration System (IDW-I) System Security Plan 22 April 04

Version 0.5

DATTASET		
NAME	DATA SOURCE	CLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
ЛСІ	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified

Table 3.5.1 IDW-I Data Sets

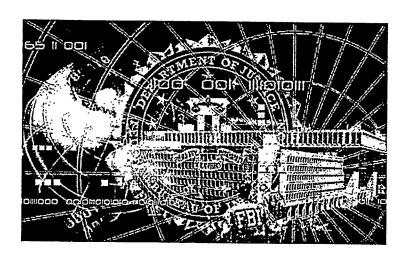
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Outside the Scope

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Investigative Data Warehouse Integration System (IDW-I)
System Security Plan
03 NOV 04
Version 1.0

### FEDERAL BUREAU OF INVESTIGATION INFORMATION RESOURCES DIVISION DATA AND INFORMATION MANAGEMENT SECTION



#### **INVESTIGATIVE DATA WAREHOUSE INTEGRATION**

SYSTEM (IDW-I)
SYSTEM SECURITY PLAN

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-07-2008 BY 65179 DMH/BJA/CAL

DOCUMENT VERSION 1.0 03 NOVEMBER 2004

# UNCLASSIFIED // FOR OFFICIAL USE ONLY Investigative Data Warehouse Integration System (IDW-I) System Security Plan 03 NOV 04 Version 1.0

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DATEASET NAME	DAVIASCOURCE	CUASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
IICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified

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Table 3.5.1 IDW-I Data Sets

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### FEDERAL BUREAU OF INVESTIGATION OFFICE OF THE PROGRAM MANAGEMENT EXECUTIVE



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Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW) Program

**Document Version 1.2** 

November 29, 2004

Outside the Scope

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NAME	DATIA SOURCE	CLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case Support (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
лсі	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified
	C	Operational Subsyst

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databases including ACS, SAMNET, Intelplus and several others.

Outside the Sco
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#### 2.3.2 Special Projects Team (SPT) Subsystem

The Special Projects Team (SPT) Subsystem allows for the rapid import of new specialized data sources. These data sources are not made available to the general IDW users but instead are provided to a small group of users who have a demonstrated "need-to-know". The SPT System is similar in function to the IDW-S system, with the main difference is a different set of data sources. The SPT System allows it's users to access not only the standard IDW Data Store but the specialized SPT Data Store.

The table below lists the data and sources for the SPT Subsystem.

TYPE	DATA SOURCE	CLASSIFICATION
FBI Case Data	FBI Automated Case System (ACS)	Secret and below
Financial Center (FinCen) Data		SBU
Various Lists of Data	Various Sources, e.g., Transportation Security Administration (TSA)	SBU
Various CTD Datasets	FBI Counterterrorism Division (CTD)	Secret and below
Telephone Data	Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers	Secret and below

Outside the Scope

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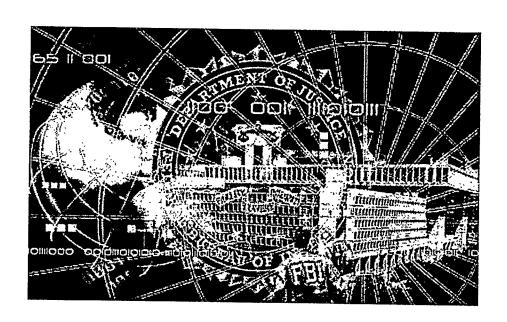
Investigative Data Warehouse Integration System (IDW-I)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-07-2008 BY 65179 DMH/BJA/CAL

29 NOV 04 Version 1.0

System Security Plan

# FEDERAL BUREAU OF INVESTIGATION INFORMATION RESOURCES DIVISION DATA AND INFORMATION MANAGEMENT SECTION



# INVESTIGATIVE DATA WAREHOUSE INTEGRATION SYSTEM (IDW-I) SYSTEM SECURITY PLAN

DOCUMENT VERSION 1.0 29 NOVEMBER 2004

Investigative Data Warehouse Integration System (IDW-I)
System Security Plan
29 NOV 04
Version 1.0

DATTASET		
NAME	DATA SOURCE	CLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
ЛСІ	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified

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Table 3.5.1 IDW-I Data Sets

#### IDW-S V1.0 Data Migration Plan

**September 30, 2003** 

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#### SCOPE V2.0/IDW V1.0 Data Sets

ACS ECF (CT Case Files):
♦ ASCII flat files (metadata and document text) and WordPerfect (document) binaries
<b>♦</b>
♦ Data is synchronized once a day, which includes processing of adds, deletes, and modifications
Intelplus (CT Filerooms):
♦ Scanned TIFF images and OCR'ed ASCII text documents
<b>♦</b>
♦ Data is synchronized once a week, which includes processing of adds, deletes, and modifications
SAMnet:
♦ ASCII files in standard cable traffic message format (all capitals with specific header)
•
♦ SAMNET data is provided/updated three times a day
JICI:
♦ Scanned TIFF images and OCR'ed ASCII text (pages)
•
♦ Static file system
VGTOF:
♦ ASCII flat files (data/metadata, one row per subject) and JPEG image binaries (none, one, or multiple per subject)
<b>•</b>
♦ At present, updated file being provided in its entirety on a weekly basis
Open Source:
♦ The Open Source Library is collected from global news sources that are either in English or have been translated
into English
A The Open Course I ilways is and sted areas along
♦ The Open Source Library is updated once a day

Investigative Data Warehouse (IDW) - Secret System Security Plan 3\_December 2003

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Style Definition: Body Text

#### System Security Plan

### Investigative Data Warehouse-SECRET (IDW-S)

#### 3 DECEMBER 2003 Version: 0.6

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Federal Bureau of Investigation (FBI), Information Resources Division (IRD)

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Investigative Data Warehouse (IDW) - Secret
System Security Plan
3 December 2003
Version 0.6

#### <u>Investigative Data Warehouse (IDW) - Secret</u> <u>System Security Plan</u>

#### INTRODUCTION

interederal Bureau of Investigation's (FBI) Investigative Data Warehouse (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be	
authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor of the Secure Counter-Terrorism/Collaboration Operational Prototype Environment (SCOPE").	

Outside the Scope

Data processed by the system will include the following data sets:

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;

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Investigative Data Warehouse (IDW) - Secret System Security Plan 3 December 2003 Version 0.6

- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

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Outside the Scope

Investigative Data Warehouse (IDW) - Secret
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#### **Data Sources**

IDW-S contains data from the following data sources with security classification indicated in brackets:

- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.

#### Data Ingest

IDW-S receives data from sources by FTP over FBINet (ACS ECF, IntelPlus, and SAMNet) and CD-ROM (VGTOF, Open Source News).	Deleted: SAMNet
Data is received by the Ingest Subsystem	Outside the Scope
<ul> <li>Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTOF).</li> </ul>	
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Investigative Data Warehouse (IDW) - See System Security P 3 December 20 Version	Plan 003
	Outside the Scope
3.5. Data Processed	<u>.</u>
IDW-S processes the following data:	
3.5.1 ACS ECF	
IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records.	
	Outside the Scope
3.5.2 IntelPlus	
IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:	
• • • • • • • • • • • • • • • • • • •	b2 b7E
-22-	

	System Securi  3_December  Vers	ty Plan
	• • • •	Ъ2 Ъ7Е
		b2 b7E
3.5.4	The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI  SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data is  VGTOF  Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.	b2 b7E

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Investigative Data Warehouse (IDW) - Secret System Security Plan 3 December 2003 Version 0.6 3.5.5 JICI The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices b2 b7E JICI is a static collection that is not updated. 3.5.6 Open Source News The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news source from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article) and The Open Source News data goes into IDW-S once a day. Open Source News data b2 Open Source News material is derived from the following sources: b7E Addis Ababa Tribune - http://www.addistribune.com/ Agencia Brasilia - http://www.radiobras.gov.br/ Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/ AllAfrica.com - http://allafrica.com/ Arabic News - http://www.arabicnews.com/ansub/ Asahi Shimbun - http://www.asahi.com/english/ Asia Times (Hong Kong) - http://www.atimes.com/ Bangkok Post - http://www.bangkokpost.net/ Christian Science Monitor - http://www.csmonitor.com/ Crescent International - http://www.muslimedia.com/mainpage.htm Daily Telegraph (London, England) - http://news.telegraph.co.uk/ Dawn (Karachi, Pakistan) - http://www.dawn.com/ Debka (Israel) - http://www.debka.com East Africa Daily Nation - www.nationaudio.com/News/DailyNation/Today/ Gulf News (UAE) - http://www.gulf-news.com/ Ha'aretz (Israel) - http://www.haaretzdaily.com/ IFRC International Federation of the Red Cross - http://www.ifrc.org/ Deleted: Internation IRIN Integrated Regional Information Network - http://www.irinnews.org/ Iraq Press News Agency - http://www.iraqpress.org/

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Investigative Data Warehouse (IDW) - Secret
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Islamic Republic News Agency (Iran) - http://www.irna.com/en

Jakarta Post - http://www.thejakartapost.com/

Janes - http://www.janes.com/

Jordan Times - http://www.jordantimes.com/

L'Osservatore Romano - www.vatican.va/news\_services/or/or\_eng/text.html

Lagos (Nigeria) Guardian - http://www.guardiannewsngr.com/

Lahore (Pakistan) Nation - http://www.nation.com.pk/

Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/

Malaysian Star - http://thestar.com.my/

Manila Bulletin - http://www.mb.com.ph/

Manila Times - http://www.manilatimes.net/

Miami Herald - http://www.miami.com/

Moscow Times - http://www.themoscowtimes.com/

National Post and CP - http://www.canada.com/

New Straits Times (Kuala Lumpur) - http://www.emedia.com.my/Current\_News/NST/

PETRA (Jordanian News Agency) - http://www.petra.gov.jo

Pakistan Observer (Islamabad) - http://pakobserver.net/

Palestine Chronicle - http://palestinechronicle.com/

People's Daily (China) - http://english.peopledaily.com.cn/

Philippine Star - http://www.philstar.com/philstar/

Pravda - http://english.pravda.ru/

ProMed - epidemiology mailing list

Russian Information Agency Novosti - http://en.rian.ru/

Russian Issues (Misc. Russian news) - http://www.therussianissues.com/

Russian Observer - http://www.russianobserver.com/

SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye

Saudi Gazette - http://www.saudigazette.com.sa/sgazette/

South African Dispatch - http://www.dispatch.co.za/

Sydney Morning Herald - http://www.smh.com.au

Tehran Times - http://www.tehrantimes.com/

Times of India - http://timesofindia.indiatimes.com/cms.dll

UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/

Ummah News - http://www.ummahnews.com/

Uzbekistan Report - http://www.uzreport.com/eng/

Washington Post - http://www.washingtonpost.com/

XinHua News Service - http://www.xinhuanet.com/english/

Yemen Times (weekly) - http://www.yementimes.com/

Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/

Investigative Data Warehouse (IDW) - Secret
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#### 3.5.7 Summary of Data Sources

DATASET NAME	DATA SOURCE	TRANSFER MEDICO
ACS	FBI Automated Case System (ACS)	FTP
IntelPlus	FBI Intel Plus	FTP
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	CD-ROM `

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100 to 10		]	Investigative Data	Narehouse (IDW) - S System Security 3 December Versio	Plan 2003	
	t Connections	wing sources of data			Outside the So	cope
FBI Automated Case System (ACS	Secret	<u>FBI</u>	<u>ETP</u> .		b2	
FBI Intel Plus	Secret	<u>FBI</u>	FTP		b7E	
L	<u> </u>					

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		7		
FBI Secure Automated Messaging Network (SAMNet)	<u>Secret</u>	FBI	FTP	
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	<u>CD-ROM</u>	
FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBHIO	Secret	FBI	<u>Multiple</u>	
Translingual Information Detection Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	<u>Unclassified</u>	<u>NA</u>	CD-ROM	

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Unclassified NA

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Indirect Connections

Indirect Connections

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#### SYSTEM SECURITY PLAN

#### INVESTIGATIVE DATA WAREHOUSE (IDW) - SECRET

### **17 OCTOBER 2003 VERSION: 0.1**

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### FEDERAL BUREAU OF INVESTIGATION (FBI), INFORMATION RESOURCES DIVISION (IRD)

Investigative Data Warehouse (IDW) - Secret System Security Plan 17 October 2003 Version 0.1

### INVESTIGATIVE DATA WAREHOUSE (IDW) - SECRET SYSTEM SECURITY PLAN INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor of the Secure Counter-Terrorism/Collaboration Operational Prototype Environment (SCOPE").

Data p	rocessed	by the	system	will	include	the	following	data s	ets:

Outside the Scope

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms; and

Investigative Data Warehouse (IDW) - Secret System Security Plan 17 October 2003 Version 0.1

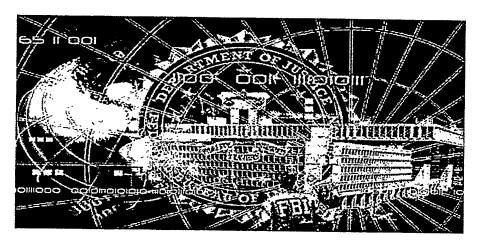
<ul> <li>Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;</li> <li>Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data</li> </ul>

Outside the Scope



## FEDERAL BUREAU OF INVESTIGATION

## INFORMATION RESOURCES DIVISION DATA/INFORMATION MANAGEMENT SECTION



# Test & Evaluation System Test Description (TESTD) for the Investigative Data Warehouse (IDW) v.1.0-S

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October 2003

#### Prepared by:

Science Applications International Corporation 1213 Jefferson Davis Highway, Suite 1200 Arlington, Virginia 22202



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Primary Data Sources:				***
<ul><li>JICI</li></ul>		•		Outside the Sco
<ul> <li>SAMNET</li> </ul>				
<ul> <li>ACS ECF</li> </ul>				
* INTEL+				
Open Source				b2
• VGTOF				b7E
, 5251				

Science Applications International Corporation (SAIC) Draft FBI IDW System Test Description IDW1.0-v0.8.doc

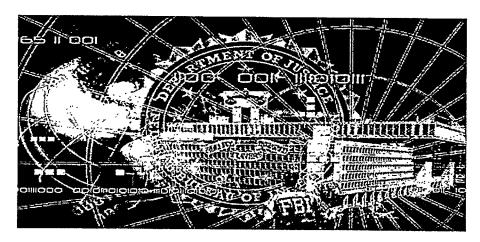


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## FEDERAL BUREAU OF INVESTIGATION

## INFORMATION RESOURCES DIVISION DATA/INFORMATION MANAGEMENT SECTION



# Test & Evaluation Master Plan (TEMP) for the Investigative Data Warehouse (IDW)

October 2003

#### Prepared by:

Science Applications International Corporation 1213 Jefferson Davis Highway, Suite 1200 Arlington, Virginia 22202



• Primary Data Sources:



<ul> <li>JICI</li> <li>SAMNET</li> <li>ACS ECF</li> <li>INTEL+</li> <li>Onen Source</li> <li>VGTOF</li> </ul>	b2 b7E	Outside the Scope

Investigative Data Warehouse (IDW) - Secret
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## **System Security Plan**

## Investigative Data Warehouse-SECRET (IDW-S)

## **<u>5</u>DECEMBER 2003** Version: 0.7

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Federal Bureau of Investigation (FBI), Information Resources Division (IRD)

Investigative Data Warehouse (IDW) - Secret
System Security Plan
5 December 2003
Version 0.7

## <u>Investigative Data Warehouse (IDW) - Secret</u> <u>System Security Plan</u>

## **INTRODUCTION**

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor of the Secure Counter-Terrorism/Collaboration Operational Prototype Environment (SCOPE").	
	Outside the Scope
Data processed by the system will include the following data sets:	
•	
<ul> <li>Approved case files from the FBI's Automated Case Support (ACS) case management system;</li> </ul>	
<ul> <li>Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;</li> </ul>	,
<ul> <li>Secure Automated Messaging Network (SAMNet) message traffic;</li> </ul>	

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Investigative Data Warehouse (IDW) - Secret
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- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

Outside	the	Scope

•	Investigative Data Warehouse (IDW) - Secret	
1	System Security Plan 5 December 2003	
•	<u>5 December 2003</u> Version 0.7	•
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Data Sources	^··	de the gee
IDW-S contains data from the following data so	Ou	tside the Scope
brackets:	utees with security classification indicated in	
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Investigative Data Warehouse (IDW) - Secret

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Outside the Scope

- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.

Data Ingest	
	es data from sources by FTP over FBINet (ACS ECF, IntelPlus, and SAMNet) and
CD-ROM (VO	GTOF, Open Source News
•	Data is received by the Ingest Subsystem
•[	
	- Received data is parsed into individual serial records (in the case of ACS

 Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTOF).

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have been officially sanctioned for inclusion in IDW. For each such serial, the ECF data metadata and text. IDW-S is synchronized against the ECF system once a day, a process consists of receiving and processing the previous day's increment of ADD, MOD, and I records	s which	
3.5.2 IntelPlus	Outside	the Scope
IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:		
•		b2 b7E
3.5.3 SAMNet		
The Secure Automated Messaging Network (SAMNet) data source consists of cable traf- messages received by the FBI		b2 b7E
SAMNet provides only ADD record types, and SAMNet data is updated in IDW times a day. SAMNet data is	'-S three	· •
<b>-</b> 22 <b>-</b>		

Investigative Data Warehouse (IDW) - Secret System Security Plan 5_December 2003 Version 0.7	
3.5.4 VGTOF	
Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.	
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3.5.5 JICI	
The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices	
	b2 b7E
JICI is a static collection that is not updated.	
3.5.6 Open Source News	
The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news source from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article) and The Open Source News data goes into IDW-S once a day. Open Source News data	b2 b7E
Open Source News material is derived from the following sources:	
Addis Ababa Tribune - http://www.addistribune.com/ Agencia Brasilia - http://www.radiobras.gov.br/ Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/ AllAfrica.com - http://allafrica.com/ Arabic News - http://www.arabicnews.com/ansub/ Asahi Shimbun - http://www.asahi.com/english/ Asia Times (Hong Kong) - http://www.atimes.com/ Bangkok Post - http://www.bangkokpost.net/ Christian Science Monitor - http://www.csmonitor.com/	

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Crescent International - http://www.muslimedia.com/mainpage.htm

Daily Telegraph (London, England) - http://news.telegraph.co.uk/

Dawn (Karachi, Pakistan) - http://www.dawn.com/

Debka (Israel) - http://www.debka.com

East Africa Daily Nation - www.nationaudio.com/News/DailyNation/Today/

Gulf News (UAE) - http://www.gulf-news.com/

Ha'aretz (Israel) - http://www.haaretzdaily.com/

IFRC International Federation of the Red Cross - http://www.ifrc.org/

IRIN Integrated Regional Information Network - http://www.irinnews.org/

Iraq Press News Agency - http://www.iraqpress.org/

Islamic Republic News Agency (Iran) - http://www.irna.com/en

Jakarta Post - http://www.thejakartapost.com/

Janes - http://www.janes.com/

Jordan Times - http://www.jordantimes.com/

L'Osservatore Romano - www.vatican.va/news\_services/or/or\_eng/text.html

Lagos (Nigeria) Guardian - http://www.guardiannewsngr.com/

Lahore (Pakistan) Nation - http://www.nation.com.pk/

Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/

Malaysian Star - http://thestar.com.my/

Manila Bulletin - http://www.mb.com.ph/

Manila Times - http://www.manilatimes.net/

Miami Herald - http://www.miami.com/

Moscow Times - http://www.themoscowtimes.com/

National Post and CP - http://www.canada.com/

New Straits Times (Kuala Lumpur) - http://www.emedia.com.my/Current News/NST/

PETRA (Jordanian News Agency) - http://www.petra.gov.jo

Pakistan Observer (Islamabad) - http://pakobserver.net/

Palestine Chronicle - http://palestinechronicle.com/

People's Daily (China) - http://english.peopledaily.com.cn/

Philippine Star - http://www.philstar.com/philstar/

Pravda - http://english.pravda.ru/

ProMed - epidemiology mailing list

Russian Information Agency Novosti - http://en.rian.ru/

Russian Issues (Misc. Russian news) - http://www.therussianissues.com/

Russian Observer - http://www.russianobserver.com/

SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye

Saudi Gazette - http://www.saudigazette.com.sa/sgazette/

South African Dispatch - http://www.dispatch.co.za/

Sydney Morning Herald - http://www.smh.com.au

Tehran Times - http://www.tehrantimes.com/

Times of India - http://timesofindia.indiatimes.com/cms.dll

UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/

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Ummah News - http://www.ummahnews.com/
Uzbekistan Report - http://www.uzreport.com/eng/
Washington Post - http://www.washingtonpost.com/
XinHua News Service - http://www.xinhuanet.com/english/
Yemen Times (weekly) - http://www.yementimes.com/
Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/

#### 3.5.7 Summary of Data Sources

DAVIANEU NAVOU	DATA SOURCE	TRANSFOR MEDITOD
ACS	FBI Automated Case System (ACS)	FTP
IntelPlus	FBI Intel Plus	FTP
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple

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DATASET DATASET	DAYA SOURCE	TRANSPOR MEDICOD		
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	CD-ROM		b2 b7E
	Agency (DARPA)			
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Investigative Data Warehouse (IDW) - Secret System Security Plan 5_December 2003 Version 0.7

#### 3.9.9 Indirect Connections

Outside the Scope

IDW-S connects to the following sources of data:

SASSINEM)	CLASSIFICATION & COMPARIMENTS	ACCUREDITIED WAS	TRANSFIR MEJIOD
FBI Automated Case System (ACS)	Secret	FBI	FTP
FBI Intel Plus	Secret ·	FBI	FTP

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Investigative Data Warehouse (IDW) - Secret System Security Plan <u>5</u> December 2003 Version 0.7

SYSTEM NAME	CLASSIFICATION & COMPARIMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENS
FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI	FTP	
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM	
FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ	Secret	FBI .	Multiple	
Translingual Information Detection, Extraction and Summarizatio n (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	Unclassified	NA	CD-ROM	

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Investigative Data Warehouse (IDW) - Secret System Security Plan <u>5</u> December 2003 Version 0.<u>7</u>

SYSTEM NAME	CILASSIFICATION & COMPARIMIENTS	ACCREDITED BY	TRANSFER MLTILOD	COMMENTS
	Unclassified	NA	CD-ROM	
L		Indirect Conne		

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Investigative Data Warehouse (IDW) - Secret
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Version 0.9

## **System Security Plan**

## Investigative Data Warehouse-SECRET (IDW-S)

## **08 January 2004**

Version: 0.9

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Federal Bureau of Investigation (FBI), Information Resources Division (IRD)

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Investigative Data Warehouse (IDW) - Secret System Security Plan 08 January 04 Version 0.9

## <u>Investigative Data Warehouse (IDW) - Secret</u> <u>System Security Plan</u>

## INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret Sy	stem (IDW.
<ul> <li>S) is an initial data warehouse, content management and data mining system that will</li> </ul>	nermit FRI
investigative, analytical, administrative and intelligence personnel to access aggregate	ed data
previously only available through individual applications. The IDW-S system will be	authorized
to process classified national security data up to, and including, Secret. The IDW-S s	vstem is the
successor to the Secure Collaboration Operational Prototype Environment (SCOPE).	which
originally was named the Secure Counter-Terrorism Operational Prototype Environm	ent.

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Dum	PY CCC33CA	UY	inc system	WIII	menuce	1116	10111	าพเกษ	пята	sers:

Outside the Scope

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;

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Investigative Data Warehouse (IDW) - Secre System Security Plan
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Secure Automated Messaging Network (SAMNet) message traffic;

- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

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Outside the Scope

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3.5. DAT	A PROCESSED	* 1804		,			
IDW-S proce	esses data from the ted in brackets:	following data s	ources, with the security classification of the				
•	Automated Case [Secret and below		System, Electronic Case File (ECF) Subsystem				
	IntelPlus [Secret		,				
			vork – Secret (SAMNet-S) [Secret and below] t Offender File (VGTOF) [Sensitive But	Outside the Scope			
•	-	e Committee Inv	estigation (IICI) [Secret and below]				
	DARPA/TIDES		•				
		· · · · · · · · · · · · · · · · · · ·	4				
DATASET NAME	DATA SOURCE	TRANSFER METHOD					
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	<u>FTP</u>		b2 b7E			
IntelPlus Filerooms	FBI IntelPlus	FTP					

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DATASET		TRANSFER	
NAME	DATA SOURCE	METHOD	
<u>SAMNet</u>	FBI Secure Automated Messaging Network (SAMNet)	<u>FTP</u>	
<u>VGTOF</u>	FBI National  Crime Information	CD-ROM	
	Center (NCIC)		
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHO	<u>Multiple</u>	b2 b7E Outside the Scop
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program	CD-ROM	
		Data Sources	Cransfer Mechanism
3.5.1 ACS	ECF		
DW-S contai	ing a subject of the l	ECE (Clasters)	use Rile) subsystem of the Automoted Cose

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records.

3.	5.2	IntelPlus

·Outside the Scope

IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

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Investigative Data Warehouse (IDW) - Secret System Security Plan  OS January 04 Version 0.9	
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3.5.3 SAMNet The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI.	ļ
SAMNet provides only ADD record types, and SAMNet data is undated in IDW-S three times a day. SAMNet  3.5.4 VGTOF	b2 b7E
Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual. The data/metadata for each individual	
	b2 b7E
3.5.5 JICI The Joint Intelligence Committee I and in the CHOP I at the C	
The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices	b2 b7Е

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JICI is a static collection that is not updated	<i>i</i> 1
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356 Open Saure N	<i>i</i> 1
3.5.6 Open Source News	<i>i</i> <b>l</b>
The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES	11
Program. These are primarily news source from around the world that are either in English or	<i>[</i> ]
have been translated into English. Open Source News data is received in the form of text files	/ <b> </b>
(one per news article The Open Source News data goes into IDW-S	/ <b> </b>
once a day. Open Source News data	1
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Outside the S	cope

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Open Source News material is derived from the following sources:

Addis Ababa Tribune - http://www.addistribune.com/

Agencia Brasilia - http://www.radiobras.gov.br/

Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/

AllAfrica.com - http://allafrica.com/

Arabic News - http://www.arabicnews.com/ansub/

Asahi Shimbun - http://www.asahi.com/english/

Asia Times (Hong Kong) - http://www.atimes.com/

Bangkok Post - http://www.bangkokpost.net/

Christian Science Monitor - http://www.csmonitor.com/

Crescent International - http://www.muslimedia.com/mainpage.htm

Daily Telegraph (London, England) - http://news.telegraph.co.uk/

Dawn (Karachi, Pakistan) - http://www.dawn.com/

Debka (Israel) - http://www.debka.com

East Africa Daily Nation - www.nationaudio.com/News/DailyNation/Today/

Gulf News (UAE) - http://www.gulf-news.com/

Ha'aretz (Israel) - http://www.haaretzdaily.com/

IFRC International Federation of the Red Cross - http://www.ifrc.org/

IRIN Integrated Regional Information Network - http://www.irinnews.org/

Iraq Press News Agency - http://www.iraqpress.org/

Islamic Republic News Agency (Iran) - http://www.irna.com/en

Jakarta Post - http://www.thejakartapost.com/

Janes - http://www.janes.com/

Jordan Times - http://www.jordantimes.com/

L'Osservatore Romano - www.vatican.va/news\_services/or/or\_eng/text.html

Lagos (Nigeria) Guardian - http://www.guardiannewsngr.com/

Lahore (Pakistan) Nation - http://www.nation.com.pk/

Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/

Malaysian Star - http://thestar.com.my/

Manila Bulletin - http://www.mb.com.ph/

Manila Times - http://www.manilatimes.net/

Miami Herald - http://www.miami.com/

Moscow Times - http://www.themoscowtimes.com/

National Post and CP - http://www.canada.com/

New Straits Times (Kuala Lumpur) - http://www.emedia.com.my/Current News/NST/

PETRA (Jordanian News Agency) - http://www.petra.gov.jo

Pakistan Observer (Islamabad) - http://pakobserver.net/

Palestine Chronicle - http://palestinechronicle.com/

People's Daily (China) - http://english.peopledaily.com.cn/

Philippine Star - http://www.philstar.com/philstar/

Pravda - http://english.pravda.ru/

ProMed - epidemiology mailing list

Russian Information Agency Novosti - http://en.rian.ru/

Russian Issues (Misc. Russian news) - http://www.therussianissues.com/

Russian Observer - http://www.russianobserver.com/

SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye
Saudi Gazette - http://www.saudigazette.com.sa/sgazette/
South African Dispatch - http://www.dispatch.co.za/
Sydney Morning Herald - http://www.smh.com.au
Tehran Times - http://www.tehrantimes.com/
Times of India - http://timesofindia.indiatimes.com/cms.dll
UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/
Ummah News - http://www.ummahnews.com/
Uzbekistan Report - http://www.uzreport.com/eng/
Washington Post - http://www.washingtonpost.com/
XinHua News Service - http://www.xinhuanet.com/english/
Yemen Times (weekly) - http://www.yementimes.com/
Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/

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IDW-S connect	ect Connections s to the following sour					Outside the Scope
FBI Automated Case System (ACS)	CLASSIFICATION & COMMUNICATION Secret	ACCREDITED BY FBI	MEMICO MEMICO FTP			
FBI Intel Plus	Secret	FBI	FTP			b2 b7E

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SVSOFM NAME	CLASSIFICATION & COMPARIMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENTS		
FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI .	FTP			
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM		[	
FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ	Secret	FBI	CD/DVD			b2 b7E Outside the Scope
Translingual Information Detection, Extraction and Summarizatio n (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	Unclassified	NA .	CD-ROM	·		

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svesupai Name	CLASSIFICATION & COMPAGNIENTS	ACCREDITED BY	TRANSFER METHOD	COMMENTS
	Unclassified	NA	CD-ROM	
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		Indirect Conne	etions	

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Outside the Scope

Investigative Data Warehouse (IDW) - Secret

## 1.2.2 Supported Projects

IDW-S is an FBI enterprise program/system and utilizes data feeds from several FBI (and other agency) programs.

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Investigative Data Warehouse (IDW) - Secret System Security Plan 08 January 04 Version 0.9

PROJECT NAME	CLASSIFICATION / COMPARIMENUS	PROJECT FOC
Translingual Information Detection, Extraction and Summarization (TIDES) Program	Unclassified	Translingual Information Detection, Extraction and Summarization (TIDES) Program San Diego State University San Diego, CA .

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Outside the Scope

Investigative Data Warehouse (IDW) - Secret System Security Plan 16 January 04 Version 1.0

## **System Security Plan**

# Investigative Data Warehouse-SECRET (IDW-S)

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> 16 January 2004 Version: 1.0

Federal Bureau of Investigation (FBI), Information Resources Division (IRD) Investigative Data Warehouse (IDW) - Secret System Security Plan 16 January 04 Version 1.0

## <u>Investigative Data Warehouse (IDW) - Secret</u> <u>System Security Plan</u>

INTRODUCTION			
The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret System S) is an initial data warehouse, content management and data mining system that will perr investigative, analytical, administrative and intelligence personnel to access aggregated da previously only available through individual applications. The IDW-S system will be author process classified national security data up to, and including, Secret. The IDW-S system successor to the Secure Collaboration Operational Prototype Environment (SCOPE), which originally was named the Secure Counter-Terrorism Operational Prototype Environment.	nit FBI nta horized m is the		
Data processed by the system will include the following data sets:	Outside	the	Scope
<ul> <li>Approved case files from the FBI's Automated Case Support (ACS) case management system;</li> </ul>			горо
<ul> <li>Electronic versions of the Joint Intelligence Committee Investigation (JIC defined archived documents;</li> </ul>	ZI)		

Investigative Data Warehouse (IDW) - Secret System Security Plan 16 January 04 Version 1.0

Version 1.0
Secure Automated Messaging Network (SAMNet) message traffic;
• IntelPlus File Rooms; and
• Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division;
<ul> <li>Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data</li> </ul>

Outside the Scope

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Outside the Scope

## 1.2.2 Supported Projects

IDW-S is an FBI enterprise program/system and utilizes data feeds from several FBI (and other agency) programs.

PRODUCT NAME	CLASSIFICATION/ COMPARIMIENTS
Automated Case System (ACS	Secret
Intel Plus	Secret
Secure Automated Messaging Network (SAMNet)	Secret
National Crime Information Center (NCIC)	Sensitive But Unclassified (SBU)
Document Conversion Laboratory (DocLab)	Secret

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Investigative Data Warehouse (IDW) - Secret System Security Plan 16 January 04 Version 1.0

b2 b7E Outside the Scope

Investigative Data Warehouse (IDW) - Secret System Security Plan 16 January 04 Version 1.0

#### 3.5. DATA PROCESSED

IDW-S processes data from the following data sources, with the security classification of the source indicated in brackets:

- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem
   [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Outside the Scope

DATASET DYNAM	DATA SOURCE	TRANSFER MEDIIOD
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS	FTP
IntelPlus Filerooms	FBI IntelPlus	FTP
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM

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Investigative Data Warehouse (IDW) - Secret
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DATASET NAME	DATA SOURCE	URANSPER MEDICOD
лсі	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program	CD-ROM

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Data Sources w/Transfer Mechanism

#### **3.5.1 ACS ECF**

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records

3.5.2 IntelPlus

Outside the Scope
IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

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3.5.3 SAMNet	
The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic	
messages received by the FBI.	
SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three	
times a day. SAMNet data	
3.5.4 VGTOF	
Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime	
Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.	
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3.5.5 JICI	
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JICI is a static collection that is not updated.	

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3.5.6 Open Source News	•
	Out of the state o
Program Those are primarily assured	Open Source News library collected by the DARPA TIDES
have been translated into English On	ource from around the world that are either in English or
(one per news article	pen Source News data is received in the form of text files
once a day. Open Source News data i	The Open Source News data goes into IDW-S
once a day. Open source news data i	
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### 3.9.9 Indirect Connections

Outside the Scope

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IDW-S connects to the following sources of data:

name Sasmeni	CLASSIFICATION & COMPARIMENTS	ACCREDITED BY	URANSHER MEDITOD
FBI Automated Case System (ACS	Secret	FBI .	FTP
FBI Intel Plus	Secret	FBI	FTP
FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI	FTP
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM

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name	CLASSIFICATION	ACCREDITED	TRANSPER	COMMENIS
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FBI Document	Secret	FBI	CD/DVD	
Conversion				
Laboratory			ŧ	
(DocLab),				
Records				
Management				
Division				
(RMD),				
FBIHQ				
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Translingual	Unclassified	NA	CD-ROM	1
Information				1
Detection,				1
Extraction and	,			
Summarizatio				i i
n (TIDES)				]
Program,				]
Defense				
Advanced				
Research				
Projects				
Agency				
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Indirect Connections

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## **System Security Plan**

# Investigative Data Warehouse-SECRET (IDW-S)

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5 DECEMBER 2003 Version: 0.7

Federal Bureau of Investigation (FBI), Information Resources Division (IRD)

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Investigative Data Warehouse (IDW) - Secret
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## <u>Investigative Data Warehouse (IDW) - Secret</u> <u>System Security Plan</u>

## **INTRODUCTION**

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret System (IDVS) is an initial data warehouse, content management and data mining system that will permit FI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorize to process classified national security data up to, and including, Secret. The IDW-S system is t successor to the Secure Collaboration Operational Prototype Environment (SCOPE), which originally was named the Secure Counter-Terrorism Operational Prototype Environment.	3I ed
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Data processed by the system will include the following data sets:	_
<ul> <li>Approved case files from the FBI's Automated Case Support (ACS) case management system;</li> </ul>	Outside the Scope
<ul> <li>Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;</li> </ul>	
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- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

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Outside the Scope

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Data Sources	
IDW-S contains data from the following data sources with security classification indicated in	
brackets:	Outside the Scope

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- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.	
Data Ingest	Japan Park
IDW-S receives data from sources by FTP over FBINet (ACS ECF, IntelPlus, and SAMNet) and	
Data is received by the Ingest Subsystem  Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTOF).	Outside the Scope
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3.5. DATA PROCESSED		
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IDW-S processes the following data:

#### 3.5.1 ACS ECF

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that

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Investigative Data Warehouse (IDW) - Secret System Security Plan 19 December 2003 Version 0.8 have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records. 3.5.2 IntelPlus Outside the Scope IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms: b2 b7E 3.5.3 SAMNet The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI. b2 b7E SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data is

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	Investigative Data Warehouse (IDW) - Secret
I	System Security Plan
	. <u>19</u> December 2003
	Version 0 <u>.8</u>
3.5.4 VGTOF  Violent Gang Terrorist Offender File (VGTOF) of Information Center (NCIC). VGTOF data include named individual/offender and potentially multip	es two components: Data/metadata for each
3.5.5 JICI	
The Joint Intelligence Committee Investigation (J September 11 attacks. Paper counter-terrorism file	ICI) data collection was created following the es/folders from all FBI Field Offices
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3.5.6 Open Source News	
The IDW-S V1.0 system contains an Open Source Program. These are primarily news source from a have been translated into English. Open Source N (one per news article) and Tonce a day. Open Source News data	round the world that are either in English or
Open Source News material is derived from the fo	ollowing sources:
Addis Ababa Tribune - http://www.addistribune.c Agencia Brasilia - http://www.radiobras.gov.br/ Al-Ahram (Egypt, weekly English version) - http: AllAfrica.com - http://allafrica.com/ Arabic News - http://www.arabicnews.com/ansub Asahi Shimbun - http://www.asahi.com/english/ Asia Times (Hong Kong) - http://www.atimes.com/ Bangkok Post - http://www.bangkokpost.net/ Christian Science Monitor - http://www.csmonitor	//weekly.ahram.org.eg/ / n/

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Crescent International - http://www.muslimedia.com/mainpage.htm

Daily Telegraph (London, England) - http://news.telegraph.co.uk/

Dawn (Karachi, Pakistan) - http://www.dawn.com/

Debka (Israel) - http://www.debka.com

East Africa Daily Nation - www.nationaudio.com/News/DailyNation/Today/

Gulf News (UAE) - http://www.gulf-news.com/

Ha'aretz (Israel) - http://www.haaretzdaily.com/

IFRC International Federation of the Red Cross - http://www.ifrc.org/

IRIN Integrated Regional Information Network - http://www.irinnews.org/

Iraq Press News Agency - http://www.iraqpress.org/

Islamic Republic News Agency (Iran) - http://www.irna.com/en

Jakarta Post - http://www.thejakartapost.com/

Janes - http://www.janes.com/

Jordan Times - http://www.jordantimes.com/

L'Osservatore Romano - www.vatican.va/news\_services/or/or\_eng/text.html

Lagos (Nigeria) Guardian - http://www.guardiannewsngr.com/

Lahore (Pakistan) Nation - http://www.nation.com.pk/

Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/

Malaysian Star - http://thestar.com.mv/

Manila Bulletin - http://www.mb.com.ph/

Manila Times - http://www.manilatimes.net/

Miami Herald - http://www.miami.com/

Moscow Times - http://www.themoscowtimes.com/

National Post and CP - http://www.canada.com/

New Straits Times (Kuala Lumpur) - http://www.emedia.com.my/Current\_News/NST/

PETRA (Jordanian News Agency) - http://www.petra.gov.jo

Pakistan Observer (Islamabad) - http://pakobserver.net/

Palestine Chronicle - http://palestinechronicle.com/

People's Daily (China) - http://english.peopledaily.com.cn/

Philippine Star - http://www.philstar.com/philstar/

Pravda - http://english.pravda.ru/

ProMed - epidemiology mailing list

Russian Information Agency Novosti - http://en.rian.ru/

Russian Issues (Misc. Russian news) - http://www.therussianissues.com/

Russian Observer - http://www.russianobserver.com/

SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye

Saudi Gazette - http://www.saudigazette.com.sa/sgazette/

South African Dispatch - http://www.dispatch.co.za/

Sydney Morning Herald - http://www.smh.com.au

Tehran Times - http://www.tehrantimes.com/

Times of India - http://timesofindia.indiatimes.com/cms.dll

UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/

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Investigative Data Warehouse (IDW) - Secret System Security Plan 19 December 2003 Version 0.8

			19 December 2003	•
Uzbekistan l Washington XinHua Nev Yemen Time Yomiuri Shi	ws - http://www.umm Report - http://www.w Post - http://www.wa ws Service - http://ww es (weekly) - http://w mbun (Japan) - http:// umary of Data Sou	nzreport.com/enshingtonpost.c w.xinhuanet.c ww.yementime /www.yomiuri	com/ om/english/ es.com/	
DANIASEII RAMIE	DATASMITA	TEMPERED TEMPERED		·
ACS	FBI Automated Case System (ACS)	FTP		b2 . b7E
IntelPlus	FBI Intel Plus	FTP		Outside the Scope
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP		
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM	ľ	
лсі	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple		

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Investigative Data Warehouse (IDW) - Secret System Security Plan 19 December 2003 Version 0.8

DASOUSERT SHASOUSE Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	CD-ROM	·	.b2 .b7E
				Outside the Scope

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	System Security Plan  19 December 2003  Version 0.8	
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#### 3.9.9 Indirect Connections

Outside the Scope

IDW-S connects to the following sources of data:

SASSUEM LAMARI	COMPARIAMENUS	ACC REDUCED DAY	TIRANSTER METHOD
FBI Automated Case System (ACS)	Secret	FBI	FTP
FBI Intel Plus	Secret	FBI	FTP

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Investigative Data Warehouse (IDW) - Secret System Security Plan 19 December 2003 Version 0.8

	NAME Sysuffa	CLASSIFICATION & COMPARIMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENIS	
	FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI	FTP		
	FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM		
	FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ	Secret	FBI	Multipld		b2 b7E Outside the Scope
***************************************	Translingual Information Detection, Extraction and Summarizatio n (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	Unclassified	NA	CD-ROM		

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Investigative Data Warehouse (IDW) - Secret
System Security Plan
19 December 2003
Version 0.8

Sastifai Nadaie	CLASSIFICATION & COMPARISHENUS	ACCREDITED BY	TRANSFER METHOD	Comminies
	Unclassified	NA .	CD-ROM	
	<del></del>	Indirect Conne	ctions	

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## Maintenance Manual (MM)

Version 1.1 ATO

## **IDW Operational Services**

MM NG-OM-004.11ATO

## Federal Bureau of Investigation Information Resources Division Data Management Section



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Investigative Data Warehouse
Maintenance Manual
Version 1.1 for Authority to Operate
June 11, 2004

## Maintenance Manual (MM)

## **IDW Operational Services**

Version 1.1 ATO

MM NG-OM-004.11ATO

#### Introduction

Data processed by the system will include the following data sets.	Outside the	e So
Data processed by the system will include the following data sets:		J
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classified national security data up to, and including, the Secret level.	to process	
available only through individual applications. The IDW-S system will be authorized		
warehouse, content management, and data mining system that will permit FBI investig analytical, administrative, and intelligence personnel to access aggregated data previous		
The rederal Bureau of Investigation (FBI) integrated Data warehouse (IDW) is a data		

cope

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms;
- Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division; and
- Open Source Data

Note: Hardcopy versions of this document must be verified for correct version number with the IDW O&M Document Control Library.

## System Administrator Manual (SAM)

Version 1.1 ATO

IDW Operational Services

SAM NG-OM-005.11ATO

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## Federal Bureau of Investigation Information Resources Division **Data Management Section**



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Investigative Data Warehouse System Administrators Manual Version 1.1 for Authority to Operate June 11, 2004

## System Administrator Manual (SAM)

Version 1.1 ATO

IDW Operational Services

SAM NG-OM-005.11ATO

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		į.
1.4.1.1Data Sources	the	Scope
The FBI maintains large databases of records. These records are recorded in both standard and		
vendor/developer unique formats.		
	b2	
Data processed by the system includes the following sources:	b7E	
-		
<ul> <li>Approved case files from the FBI's Automated Case Support (ACS) management system;</li> <li>Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined</li> </ul>		
archived documents;		
Secure Automated Messaging Network (SAMNet) message traffic;		
• IntelPlus (INTEL+) File Rooms;		
Note: Hardcopy versions of this document must be verified for correct version number with the IDW CM Document Control Library.		
SAM NG-OM-005.11 ATO		

FOR OFFICIAL USE ONLY Page 2

# System Administrator Manual (SAM)

Version 1.1 ATO

Information Systems (CJIS) Division;

## **IDW** Operational Services

**SAM NG-OM-005.11ATO** 

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Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice

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## $F_{\text{EDERAL}}$ Bureau of Investigation

## OFFICE OF THE PROGRAM MANAGEMENT EXECUTIVE



Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW)

Document Version 1.1

June 18, 2004

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The table below lists the data and sources for the Operational Subsystem.

Scope

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SAME	DAVIASOURCE	(OLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
lici	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	Mitap	Unclassified
	C	Operational Subsyst
The data f	flow begins at the e	external data sources NET, Intelplus and s
idations of Inc.	idding ACD, BAIVI	rent, interplus and s

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The table below lists the data and sources for the SPT Subsystem.

Outside the Scope

### UNCLASSIFIED//FOR OFFICIAL USE ONLY

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DATIME	DATA SOURCE	ACTIVE DITIES (ALT)
FBI Case Data	FBI Automated Case System (ACS)	Secret and below
Financial Center (FinCen) Data		SBU
Various Lists of Data	Various Sources, e.g., Transportation Security Administration (TSA)	SBU
Various CTD Datasets	FBI Counterterrorism Division (CTD)	Secret and below
Telephone Data	Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers	Secret and below

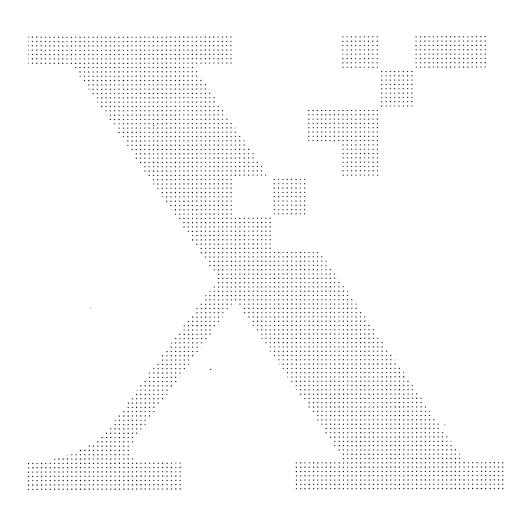
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SPT Data Sets

Outside the Scope

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## FEDERAL BUREAU OF INVESTIGATION

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DATE 01-07-2008 BY 65179 dmh/bja/cal

Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW)
(IDW-S, IDW-I, SPT Subsystem, & DocLab)
Document Version 1.1

June 18, 2004

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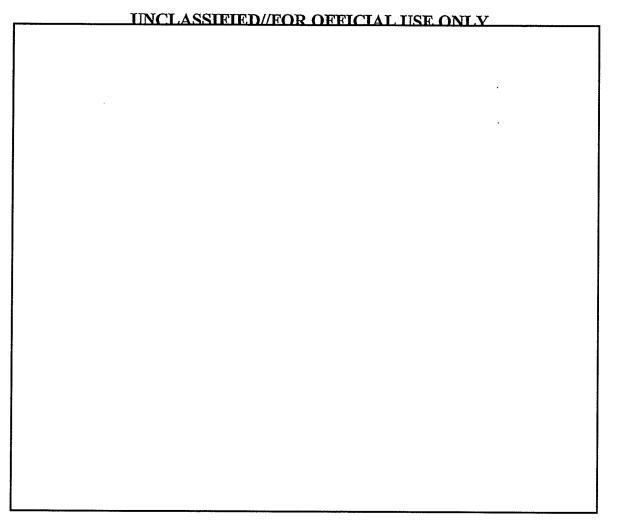
DATE AGETT		
DATASET NAME	DATA SOURCE	CLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
ЛСІ	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified

Operational Subsystem Data Sources

The data flow begins at the external data sources. These sources include various FBI			
	databases including ACS, SAMNET, Intelplus and several others.		
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	}		

Outside the Scope

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Outside the Scope

#### 2.3.2 Special Projects Team (SPT) Subsystem

The Special Projects Team (SPT) Subsystem allows for the rapid import of new specialized data sources. These data sources are not made available to the general IDW users but instead are provided to a small group of users who have a demonstrated "need-to-know". The SPT System is similar in function to the IDW-S system. With the main difference is a different set of data sources. The SPT System allows it's users to access not only the standard IDW Data Store but the specialized SPT Data Store.

The table below lists the data and sources for the SPT Subsystem.

## UNCLASSIFIED//FOR OFFICIAL USE ONLY

DATASET	መልጥል የወነነውንድም	CE ACCITETA ACTION
FBI Case Data	FBI Automated Case System (ACS)	CLASSIFICATION  Secret and below
Financial Center (FinCen) Data		SBU
Various Lists of Data	Various Sources, e.g., Transportation Security Administration (TSA)	SBU
Various CTD Datasets	FBI Counterterrorism Division (CTD)	Secret and below
Telephone Data	Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers	Secret and below

SPT Data Sets

Outside the Scope